

CLAIMS

What we claim as our invention is:

1. A portable utility stand comprising:

a base frame member with a plurality of user equipment mounting means;

a seat and backrest member wherein the seat member includes a storage compartment comprising a slidably mounted drawer and storage compartment including a means for slidably mounting said seat and backrest to said base frame member; and

a slidably and pivotably mounted work/reference platform pivotably mounted to said base frame member; and

a pivotably mounted equipment support structure uniquely configured to hold user specific equipment mounted to said base frame member; and

a flexible gooseneck equipment support member pivotably mounted to said base frame member; and

a plurality of footrest platforms adjustably mounted to said base frame member; and

a plurality of reference tables pivotably mounted to said base frame member; and

a extension arm member pivotably mounted to said base frame member and pivotably supporting said equipment support structure; and

a umbrella whereby the user and his equipment is protected from the elements is mounted to the said base frame using a plurality of the said base frame user equipment mounting means.

2. The portable utility stand of claim 1 wherein:

The portable utility stand is collapsible by removing the equipment from the user equipment mounting means of said base frame member and storing substantially horizontal in close proximity to said base frame member.

3. The portable utility stand of claim 1 wherein:

The base frame mounting means of said base frame are configured to cooperate with all of the mounting stalks of said user equipment providing the user the ability to arrange the equipment on the said base frame to suit personal preference.

4. The portable utility stand of claim 1 wherein:

The said base frame member is composed of three members; a horizontal center member that supports the said seat and footrest equipment mounting means; substantially perpendicular leg members at each end of the said center member supported by mounting feet at the extreme ends of the perpendicular leg members, providing an enlarged bearing surface for supporting said portable utility stand.

5. The portable utility stand of claim 1 wherein:

The seat is slidably adjustable for height and the seat back is pivotably adjusted for tilt.

6. The portable utility stand of claim 1 wherein:

The work/reference platform is illuminated with a plurality of battery powered LED sources mounted to the work/reference platform

7. A compact version of a portable utility stand comprising:

a three point supported platform having a means for pivotally collapsing the work surface such that it is stowed below the seat;

8. A footrest support slidably attached to the utility platform providing vertical and lateral stability without affecting the kinematics of a three-point mount;

9. An instrument support slidably attached to the three point supported utility platform providing vertical and lateral stability without affecting the kinematics f a three-point mount

10. A collapsible seat assembly comprising;
 - a support member
 - a mounting plate
 - a cushion
11. A slidably and pivotably mounted work/reference platform pivotably mounted to said base frame member
12. A height adjustable footrest support comprised of a series of steps at two displaced points on a beam member whereby height adjustment is achieved by shifting the beam to a higher or lower set of steps;

Whereby said portable utility stand will be more stable, require less floor area, and be less cumbersome to transport, adaptable to more uses, and require fewer parts than individual components.